

wilo



Pioneering for You

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Wilo WPO Raptor
Horizontal Open well
Submersible pumpset 1 & 3 Phase

SB_WPO Maxima (2 Ph)_03_AA_080515_E

Address:

SAPPHIRE FLUID SYSTEMS
No.143/144, Ground Floor, Kempegowda Layout,
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Pioneering for You

WPO Raptor
Horizontal Open well
Submersible pumpset 1 Phase



Technical Data:
Flow: upto 1550 LPM
Head: upto 48 m
Power: upto 3.7kW (5hp)
Voltage: 160 to 240 voltage

Material of construction:
Impeller : Noryl*/ Cast Iron
Casing : Cast Iron
Motor Body : SS

Application:
→ Water transfer in:
→ Farm houses
→ Bungalows
→ Apartments

Standard Features:
→ Highly durable rewindable motor
→ Dynamically balanced rotating parts to ensure – min. vibration, noise free operation & long bearing life
→ Compact mechanical design
→ Designed for underwater applications in submerged condition
→ Designed for wide Voltage fluctuations
→ Pumps are CED coated to protect from corrosion
→ All internal parts are specially coated – to prevent internal rusting
→ No suction & priming problem
→ High operating efficiencies of pumpset – result into Low power consumption & electric bills

Selection Table

Description	Art. No.	Power Rating		Pipe Size								Total Head in Metres															
		kW	hp	Suc	Del.	6	9	10.5	12	13.5	15	18	19.5	21	24	25.5	27	28.5	30	33	36	39	42	45	48	51	54
WPO Raptor 5A/1*	8224561	0.37	0.5	25	25	180	170		130	110	95	20															
WPO Raptor 10A/1*	8224562	0.75	1	25	25				200	180	165	140		100	70		30										
WPO Raptor 15C/1	8224563	1.1	1.5	40	32							270	245	230	220	185	165	130	85	35							
WPO Raptor 20E/1	8224564	1.5	2	50	40			315	305	295	285	265	255	245	220	205	185	155	110								
WPO Raptor 20F/1	8224565	1.5	2	50	50		475	450	430	405	375	310	250	130													
WPO Raptor 30E/1	8224566	2.2	3	50	40											380	360	345	290	190	100						
WPO Raptor 30F/1	8224567	2.2	3	50	50									515	470	425	320	260	200	100							
WPO Raptor 30G/1	8224568	2.2	3	65	50							590	550	500	390	320	250										
WPO Raptor 30H/1	8224569	2.2	3	65	65		950	900	850	780	720	560	480	360													
WPO Raptor 30I/1	8224570	2.2	3	75	65	1080	1035	995	940	860	780	600	440	200													
WPO Raptor 30J/1	8224571	2.2	3	75	75	1280	1120	1020	910	770	550	100															
WPO Raptor 30K/1	8224572	2.2	3	100	75	1320	1120	1020	910	720	415																
WPO Raptor 30L/1	8224573	2.2	3	100	100	1450	1210	1050	850	550																	
WPO Raptor 50E/1	8224574	3.7	5	50	40																400	360	310	250	180		
WPO Raptor 50F/1	8224575	3.7	5	50	50													500	480	450	400	350	250	150			
WPO Raptor 50G/1	8224576	3.7	5	65	50					900	880	840	810	780	700	650	610	550	500	375	200						
WPO Raptor 50H/1	8224577	3.7	5	65	65				1100	1050	1000	900	850	800	625	525	420	300									
WPO Raptor 50I/1	8224578	3.7	5	75	65			1280	1220	1160	1080	980	900	820	650	550	350										
WPO Raptor 50J/1	8224579	3.7	5	75	75		1400	1350	1295	1235	1170	1000	840	680	200												
WPO Raptor 50K/1	8224580	3.7	5	100	75		1440	1390	1340	1280	1200	980	830	700	250												
WPO Raptor 50L/1	8224581	3.7	5	100	100		1550	1500	1430	1340	1250	1000	650														

Conversion Table: 1m = 3.281 ft and 1 m³/hr = 16.67 LPM = 3.67 GPM. The above performance is based on mean supply voltage of 220V/415V at 50 Hz and subject to change due to continuous R&D.
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WPO Raptor

Horizontal Open well

Submersible pumpset 3 Phase



Technical Data:
Flow: upto 3400 LPM
Head: upto 78 m
Power: upto 22 kW(30 HP)
Voltage: 350 to 440 voltage

Material of construction:
Impeller : Cast Iron
Casing : Cast Iron
Motor Body : Cast Iron
Coating: CED

Application:
→ Water transfer in:
→ Bungalows
→ Farm houses
→ Apartments
→ Agriculture

Standard Features:
→ Highly durable rewindable motor
→ Dynamically balanced rotating parts to ensure – min. vibration, noise freeoperation & long bearing life
→ Compact mechanical design
→ Designed for underwater applications in submerged condition
→ Designed for wide Voltage fluctuations
→ Pumps are CED coated to protect from corrosion
→ All internal parts are specially coated – to prevent internal rusting
→ No suction & priming problem
→ High operating efficiencies of pumpset – result into Low power consumption & electric bills

Selection Table

Description	Art. No.	Power Rating		Pipe Size		Total Head in Metres																									
		hp	kW	Suc. mm	Del. mm	6	9	10.5	12	13.5	15	18	19.5	21	24	25.5	27	28.5	30	33	36	39	42	45	48	51	54	57			
Discharge In LPM																															
WPO Raptor 15C/3	8224582	1.5	1.1	40	32						270	245	230	220	185	165	130	85	35												
WPO Raptor 20E/3	8224583	2	1.5	50	40			315	305	295	285	265	255	245	220	205	185	155	110												
WPO Raptor 20F/3	8224584	2	1.5	50	50		475	450	430	405	375	310	250	130																	
WPO Raptor 30E/3	8224585	3	2.2	50	40											380	360	345	290	190	100										
WPO Raptor 30F/3	8224586	3	2.2	50	50									515	470	425	320	260	200	100											
WPO Raptor 30G/3	8224587	3	2.2	65	50							590	550	500	390	320	250														
WPO Raptor 30H/3	8224588	3	2.2	65	65		950	900	850	780	720	560	480	360																	
WPO Raptor 30I/3	8224589	3	2.2	75	65	1080	1035	995	940	860	780	600	440	200																	
WPO Raptor 30J/3	8224590	3	2.2	75	75	1280	1120	1020	910	770	550	100																			
WPO Raptor 30K/3	8224591	3	2.2	100	75	1320	1120	1020	910	720	415																				
WPO Raptor 30L/3	8224592	3	2.2	100	100	1450	1210	1050	850	550																					
WPO Raptor 50E/3	8224593	5	3.7	50	40																400	360	310	250	180						
WPO Raptor 50F/3	8224594	5	3.7	50	50													500	480	450	400	350	250	150							
WPO Raptor 50G/3	8224595	5	3.7	65	50					900	880	840	810	780	700	650	610	550	500	375	200										
WPO Raptor 50H/3	8224596	5	3.7	65	65				1100	1050	1000	900	850	800	625	525	420	300													
WPO Raptor 50I/3	8224597	5	3.7	75	65			1280	1220	1160	1080	980	900	820	650	550	350														
WPO Raptor 50J/3	8224598	5	3.7	75	75		1400	1350	1295	1235	1170	1000	840	680	200																
WPO Raptor 50K/3	8224599	5	3.7	100	75		1440	1390	1340	1280	1200	980	830	700	250																
WPO Raptor 50L/3	8224600	5	3.7	100	100		1550	1500	1430	1340	1250	1000	650																		
WPO Raptor 75F/3	8224601	7.5	5.5	50	50															720	700	680	650	610	550	460	360	220			
WPO Raptor 75G/3	8224602	7.5	5.5	65	50															660	640	630	620	600	550	450	350	225			
WPO Raptor 75H/3	8224603	7.5	5.5	65	65						1115		1100	1090	1085	1065	1040	1010	950	920	850	740	515								
WPO Raptor 75I/3	8224604	7.5	5.5	75	65									1000	990	980	930	900	850	770	580										
WPO Raptor 75J/3	8224605	37.5	5.5	75	75									1300	1270	1100	1050	950	850	750	550										
WPO Raptor 75K/3	8224606	7.5	5.5	100	75				1650	1550	1450	1275	1175	1075	875	775	600	400													
WPO Raptor 75L/3	8224607	7.5	5.5	100	100			1800	1750	1700	1650	1500	1400	1300	850	400															

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Voltage: 350 to 440 voltage

Material of construction:
Impeller : Cast Iron
Casing : Cast Iron
Motor Body : Cast Iron
Coating: CED

Application:
Water transfer in:
Bungalows
Farm houses
Apartments
Agriculture

Standard Features:
Highly durable rewindable motor
Dynamically balanced rotating parts to ensure - min. vibration, noise freeoperation & long bearing life
Compact mechanical design
Designed for underwater applications in submerged condition
Designed for wide Voltage fluctuations
Pumps are CED coated to protect from corrosion
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Selection Table

Description	Art. No.	Power Rating		Pipe Size		Total Head In Mtr.																														
		HP	kW	Suc. mm	Del. mm	10.5	12	13.5	15	18	19.5	21	24	25.5	27		28.5	30	33	36	39	42	45	48	51	54	57	60	63	66	69	72	75	78	81	84
Discharge In LPM																																				
WPO Raptor 100G/3	8224608	10	7.5	65	50													675	650	625	600	540	500	400	200											
WPO Raptor 100I/3	8224609	10	7.5	75	65					1320	1310	1290	1260	1240		1210	1180	1060	940	740																
WPO Raptor 100J/3	8224610	10	7.5	75	75									1200		1100	1050	900	700	400																
WPO Raptor 100K/3	8224611	10	7.5	100	75				1850	1725	1650	1600	1450	1375	1275	1200	1125	700																		
WPO Raptor 100L/3	8224612	10	7.5	100	100		2000	1950	1900	1800	1725	1650	1475	1400	1250	850																				
WPO Raptor 125I/3	8224613	12.5	9.3	75	65											1200	1175	1125	1060	950	810	650	480													
WPO Raptor 125J/3	8224614	12.5	9.3	75	75								1530	1480	1420	1330	1200	1000	700																	
WPO Raptor 125L/3	8224615	12.5	9.3	100	100					2150	2100	1925	1850	1800		1700	1600	1300																		
WPO Raptor 150G/3	8224616	15	11	65	50																			540	520	500	480	460	440	420	380	340	280			
WPO Raptor 150I/3	8224617	15	11	75	65												1270	1220	1160	1120	1025	900	780	550												
WPO Raptor 150J/3	8224618	15	11	75	75												1480	1440	1280	1120	850															
WPO Raptor 150K/3	8224619	15	11	100	75								1950	1900	1825	1750	1700	1600	1400	1200	900															
WPO Raptor 150L/3	8224620	15	11	100	100					2300	2225	2100	2050	1970		1900	1800	1500	1250																	
WPO Raptor 175I/3	8224621	17.5	13	75	65											1425	1400	1340	1280	1170	1050	900	680	500												
WPO Raptor 175J/3	8224622	17.5	13	75	75												1675	1640	1550	1450	1300	1100	750													
WPO Raptor 200I/3	8224623	20	15	75	65														1425	1375	1325	1260	1200	1150	1075	950	825									
WPO Raptor 200K/3	8224624	20	15	100	75												1850	1750	1650	1525	1400	1200	1000	800												
WPO Raptor 250I/3	8224625	25	18.5	75	65																	1525	1475	1375	1300	1200	1075	975	850	675	575					
WPO Raptor 250K/3	8224626	25	18.5	100	75													2100	1975	1850	1750	1650	1525	1400												
WPO Raptor 300I/3	8224627	30	22	75	65																	1650	1600	1550	1475	1380	1300	1200	1080	970	850	700	500			
WPO Raptor 300K/3	8224628	30	22	100	75														2200	2125	2025	1925	1825	1700	1575	1425	1275	1100								
WPO Raptor 300M/3	8224629	30	22	125	100									3400		3300	3200	3000	2750	2450	2100	1550	400													

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